

Part II

Selected Presentation Slides, Given at the 59th Annual Center
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II.1 Mount Desert Island Biological Laboratory, Center for Membrane Toxicity Studies

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COEP Supplement Report

Center for Membrane Toxicity Studies



Michael McKernan, Director of Education

Community Environmental Toxicology Laboratory



- collaborative project with Mount Desert Island (MDI) Water Quality Coalition

Specific Aims

- Establish the lab—space, equipment, supplies
- Involve local schools
- Involve local teachers
- Summer research fellowships
- Educate the community on the direct correlation of good human health and healthy water
- Conference on community based water-quality laboratories



Student Fellowships

- Swim Beach Program
- Phytoplankton monitoring
- Watershed studies
- Clam flat studies
- Public meetings

Future Aims

- Include all Union 98 schools in water quality studies at the Laboratory
- Integration with science curriculum/teaching at proposed Salt Pond School
- Enhance toxicologic studies of the Laboratory with participation from year-round investigator in toxicology/toxicogenomics